CLAIM AMENDMENTS

This listing of claims will replace all prior versions and listings of claims in the application:

1. – 48. (Canceled)

49. (Currently Amended) A method comprising:

selecting, at a media server, a first set of one of more multimedia channels of a plurality of multimedia channels of a first data stream responsive to determining a transmission of the first data stream is not expected to meet a predetermined criteria, the predetermined criteria comprising at least one of a real-time transmission or a transmission within a predetermined bandwidth and the plurality of multimedia channels including one or more multimedia channels not selected for the first set;

compressing, at the media server, each multimedia channel of the first set to generate a second set of one or more multimedia channels;

generating, at the media server, a second data stream comprising the second set of multimedia channels and ~~the one or more multimedia channels of the plurality of multimedia channels~~ the one ore more multimedia channels not selected for the first set; and

determining, at the media server, whether a transmission of the second data stream is expected to meet the predetermined criteria.

50. (Previously Presented) The method of claim 49, further comprising:

transmitting the second data stream from the media server to at least one client receiver when the transmission of the second data stream is expected to meet the predetermined criteria.

51. (Previously Presented) The method of claim 49, further comprising:

compressing at least one multimedia channel of the second data stream at the media server to generate a third data stream when the transmission of the second data stream is not expected to meet the predetermined criteria; and

determining, at the media server, whether a transmission of the third data stream is expected to meet the predetermined criteria.

52. (Previously Presented) The method of claim 51, further comprising:

transmitting the third data stream from the media server to at least one client receiver when the transmission of the third data stream is expected to meet the predetermined criteria.

53. (Previously Presented) The method of claim 49, wherein the predetermined criteria includes a real-time transmission of each of the multimedia channels.

54. (Previously Presented) The method of claim 49, wherein the predetermined criteria includes a transmission of the data stream within a predetermined bandwidth.

55. (Previously Presented) The method of claim 49, wherein the predetermined bandwidth comprises a maximum bandwidth of a transmission medium.

56. (Previously Presented) The method of claim 49, wherein the predetermined bandwidth comprises a portion of an available bandwidth of a transmission medium.

57. (Previously Presented) The method of claim 50, wherein transmitting the second data stream comprises wirelessly transmitting the second data stream from the media server to at least one client receiver.

58. (Previously Presented) The method of claim 49, wherein the first data stream includes data from a plurality of sources.

59. (Previously Presented) The method of claim 49,

wherein selecting the first set comprises selecting the first set using a predefined selection method.

60. (Previously Presented) The method of claim 59, wherein the predefined selection method includes a round robin method.

61. (Previously Presented) The method of claim 59, wherein the predefined selection method includes selecting a multimedia channel having a greatest amount of data.

62. (Previously Presented) The method of claim 59, wherein the predefined selection method comprises a prioritization of the plurality of multimedia channels.

63. (Previously Presented) The method of claim 59, wherein the predefined selection method includes selecting an uncompressed multimedia channel over a compressed multimedia channel.

64. (Previously Presented) The method of claim 49, wherein compressing a multimedia channel comprises:

compressing in a first manner in response to determining a multimedia channel being compressed has not been compressed in the first manner; and

compressing in a second manner in response to determining the multimedia channel being compressed has been compressed in the first manner.

65. (Currently Amended) A computer readable memory tangibly embodying a set of executable instructions to manipulate one or more processors to:

select a first set of one of more multimedia channels of a plurality of multimedia channels of a first data stream responsive to determining a transmission of the first data stream is not expected to meet a predetermined criteria, the predetermined criteria comprising at least one of a real-time transmission or a transmission within a predetermined bandwidth and the plurality of multimedia channels including one or more multimedia channels not selected for the first set;

compress each multimedia channel of the first set to generate a second set of one or more multimedia channels;

generate a second data stream comprising the second set of multimedia channels and ~~the one or more multimedia channels of the plurality of multimedia channels~~the one or more multimedia channels not selected for the first set; and

determine whether a transmission of the second data stream is expected to meet the predetermined criteria.

66. (Previously Presented) The computer readable memory of claim 65, the set of executable instructions further to manipulate one or more processors to:

provide the second data stream for transmission when the transmission of the second data stream is expected to meet the predetermined criteria.

67. (Previously Presented) The computer readable memory of claim 66, wherein the executable instructions to manipulate one or more processors to provide the second data stream comprises executable instructions to provide the second data stream for wireless transmission.

68. (Previously Presented) The computer readable memory of claim 65, the set of executable instructions further to manipulate one or more processors to:

compress at least one multimedia channel of the second stream to generate a third data stream when the transmission of the second data stream is not expected to meet the predetermined criteria; and

determine whether a transmission of the third data stream is expected to meet the predetermined criteria.

69. (Previously Presented) The computer readable memory of claim 68, the set of executable instructions further to manipulate one or more processors to:

provide the third data stream for transmission when the transmission of the second compressed data stream is expected to meet the predetermined criteria.

70. (Previously Presented) The computer readable memory of claim 65, wherein the predetermined criteria includes a real-time transmission of each of the multimedia channels.

71. (Previously Presented) The computer readable memory of claim 65, wherein the predetermined criteria includes a transmission of the data stream within a predetermined bandwidth.

72. (Previously Presented) The computer readable memory of claim 65, wherein the predetermined bandwidth comprises a maximum bandwidth of a transmission medium.

73. (Previously Presented) The computer readable memory of claim 65, wherein the predetermined bandwidth comprises a portion of an available bandwidth of a transmission medium.

74. (Previously Presented) The computer readable memory of claim 65, wherein the first data stream includes data from a plurality of sources.

75. (Previously Presented) The computer readable memory of claim 65, wherein the set of executable instructions configured to manipulate one or more processors to select the first set comprises executable instructions configured to manipulate one or more processors to select the first set using a predefined selection method.

76. (Previously Presented) The computer readable memory of claim 75, wherein the predefined selection method includes a round robin method.

77. (Previously Presented) The computer readable memory of claim 75, wherein the predefined selection method includes selecting a multimedia channel having a greatest amount of data.

78. (Previously Presented) The computer readable memory of claim 75, wherein the predefined selection method comprises a prioritization of the plurality of multimedia channels.

79. (Previously Presented) The computer readable memory of claim 75, wherein the predefined selection method includes selecting an uncompressed multimedia channel over a compressed multimedia channel.

80. (Previously Presented) The computer readable memory of claim 65, the executable instructions to manipulate one or more processors to compress a multimedia channel comprises executable instructions to manipulate one or more processors to:

compress in a first manner in response to determining a multimedia channel being compressed has not been compressed in the first manner; and

compress in a second manner in response to determining the multimedia channel being compressed has been compressed in the first manner.

81. (Currently Amended) A system comprising:

means for selecting a first set of one of more multimedia channels of a plurality of multimedia channels of a first data stream responsive to determining a transmission of the first data stream is not expected to meet a predetermined criteria, the predetermined criteria comprising at least one of a real-time transmission or a transmission within a predetermined bandwidth and the plurality of multimedia channels including one or more multimedia channels not selected for the first set;

means for compressing each multimedia channel of the first set to generate a second set of one or more multimedia channels;

means for generating a second data stream comprising the second set of multimedia channels and ~~the one or more multimedia channels of the plurality of multimedia channels~~the one or more multimedia channels not selected for the first set; and

means for determining whether a transmission of the second data stream is expected to meet the predetermined criteria.

82. (Previously Presented) The system of claim 81, further comprising:

means for transmitting the second data stream when the transmission of the second data stream is expected to meet the predetermined criteria.

83. (Previously Presented) The system of claim 82, wherein the means for transmitting the second data stream comprises wirelessly transmitting the second data stream.

84. (Previously Presented) The system of claim 81, further comprising:

means for compressing at least one multimedia channel of the second data stream to generate a third data stream when the transmission of the second data stream is not expected to meet the predetermined criteria; and

means for determining whether a transmission of the third data stream is expected to meet the predetermined criteria.

85. (Previously Presented) The system of claim 84, further comprising:

means for transmitting the third data stream when the transmission of the second compressed data stream is expected to meet the predetermined criteria.

86. (Previously Presented) The system of claim 81, wherein the predetermined criteria includes a real-time transmission of each of the multimedia channels.

87. (Previously Presented) The system of claim 81, wherein the predetermined criteria includes a transmission of the data stream within a predetermined bandwidth.

88. (Previously Presented) The system of claim 81, wherein the predetermined bandwidth comprises a maximum bandwidth of a transmission medium.

89. (Previously Presented) The system of claim 81, wherein the predetermined bandwidth comprises a portion of an available bandwidth of a transmission medium.

90. (Previously Presented) The system of claim 81, wherein the first data stream includes data from a plurality of sources.

91. (Previously Presented) The system of claim 81,

wherein the means for selecting the set comprises means for selecting the set using a predefined selection method.

92. (Previously Presented) The system of claim 91, wherein the predefined selection method includes a round robin method.

93. (Previously Presented) The system of claim 91, wherein the predefined selection method includes selecting a multimedia channel having a greatest amount of data.

94. (Previously Presented) The system of claim 91, wherein the predefined selection method comprises a prioritization of the plurality of multimedia channels.

95. (Previously Presented) The system of claim 91, wherein the predefined selection method includes selecting an uncompressed multimedia channel over a compressed multimedia channel.

96. (Previously Presented) The system of claim 81, wherein the means for compressing a multimedia channel comprises:

means for compressing in a first manner in response to determining a multimedia channel being compressed has not been compressed in the first manner; and

means for compressing in a second manner in response to determining the multimedia channel being compressed has been compressed in the first manner.